

May 12, 2014

TO: Board of Mayor and Aldermen

FROM: Paul Holzen, P.E., Director of Engineering
Eric S. Stuckey, City Administrator
David Parker, P.E., City Engineer
Patricia Proctor, P.E., Utilities Engineer II

SUBJECT: CIP Project Status – Water & Sewer Projects

Purpose

The purpose of this memo is to update the Board of the status of some of the City's water and sewer projects.

Project Status

A. I65 widening/Goose Creek Interchange Utility Relocation

Key Dates: Design Start – September 11, 2012; Design Completion – October 25, 2012 (to be extended due to revisions by TDOT); Easement Acquisition Start – January 2013; Easement Acquisition Completion – March 2014; Bid Date: August 30, 2013; Construction Start – December 15, 2013; Construction Completion – May 2, 2014 (for the utility work; not the roadway portion)

Cost: Design – \$81,870.00; Easement – \$52,340.00; Construction - \$1,200,000.00 (estimate)

Funding Source: Design – Water and Sewer Operating Fund (to be reimbursed by TDOT); Construction - TDOT

Status Update: The contractor is working with City to tie in the new water main lines.

B. 7th Avenue to Hillsboro Road Sewer Rehabilitation (West Main Phase 2)

Key Dates: Design Start – April 24, 2012; Design Completion – March 2013; Easement Acquisition Start – September 2012; Easement Acquisition Completion – October 2012; Bid Date: February 26, 2013; Construction Start – May 6, 2013; Construction Completion – September 13, 2013

Cost: Design – \$60,540.00; Easement – \$0; Construction - \$ 409,045.75

Funding Source: Design – Sewer Operating Fund; Construction – Sewer Operating Fund

Status Update: Final change order is on this CIC agenda.

C. 11th Avenue Improvements

Key Dates: Design Start – January 22, 2013; Design Completion – July 2013; Easement Acquisition Start – November 2013; Easement Acquisition Completion – January 2014; Bid Date: November 25, 2013; Construction Start – May 2014; Construction Completion – September 2014

Cost: Design – \$47,232.00; Construction - \$1,050,000.00 (estimated)

Funding Source: Design – Water and Sewer Operating; Construction - Water & Sewer Fund

Status Update: Work is scheduled to begin on May 19, 2014. The residents in the area that are directly affected have been notified.

D. North Petway Sewer Rehabilitation

Key Dates: Design Start – October 23, 2012; Design Completion – February 2013; Bid Date: August 2013; Construction Start – November 2013; Construction Completion – February 2014

Cost: Design – \$23,600.00; Easement – N/A; Construction - \$900,000.00 (estimated)

Funding Source: Design – Water and Sewer Operating; Construction - Water & Sewer Fund

Status Update: The WMD will be constructing the gravity sanitary sewer in-house and plan to do this work in the spring of 2014. The lining portion of the project will be bid out this spring and constructed after the services are upgraded but before the replacement of portions of the gravity sewer line.

E. Spencer Creek Basin – South Prong Interceptor Upgrade

Key Dates: Design Start – April 23, 2013; Design Completion – TBD; Bid Date: TBD; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$337,000.00; Easement – TBD; Construction - TBD

Funding Source: Design – Sewer Fund; Easements – TBD; Construction - TBD

Status Update: The engineer is submitting the final Technical Memorandum on May 15, 2014.

F. Charlton Green Sanitary Sewer Improvements

Key Dates: Design Start – November 12, 2013; Design Completion – March 2014; Bid Date: April 7, 2014; Construction Start – June 2014; Construction Completion – October 2014

Cost: Design – \$19,895.00; Easement – N/A; Construction –\$430,000.00

Funding Source: Design –Sewer Operating; Construction - Sewer Fund

Status Update: The bid is on the May 13, 2014 BOMA agenda for approval.

G. Spencer Creek at Franklin Road Sewer

Key Dates: Design Start – March 11, 2014; Design Completion – TBD; Easement Acquisition Start – TBD; Easement Acquisition Completion – TBD; Bid Date: TBD; Construction Start –TBD; Construction Completion – TBD

Cost: Design – \$40,000.00; Easement – TBD; Construction – TBD

Funding Source: Design – Sewer Fund

Status Update: The project was approved at the March 11, 2014 BOMA meeting.

H. Southwest Basins 2 & 3 Study

Key Dates: Design Start – March 11, 2014; Design Completion – TBD

Cost: Design – \$38,000.00

Funding Source: Design – Sewer Fund

Status Update: The project was approved at the March 11, 2014 BOMA meeting.

I. Curd Branch and Watson Branch Interceptor Sewer

Key Dates: Design Start – February 25, 2014; Design Completion – TBD; Easement Acquisition Start – TBD; Easement Acquisition Completion – TBD; Bid Date: TBD; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$115,000.00; Easement – TBD; Construction – TBD

Funding Source: Design – Sewer Fund

Status Update: City staff and the engineer met on May 5, 2014 to discuss the 60% plans.

J. Fieldstone Farms Pump Station No. 1 Rehabilitation

Key Dates: Design Start – January 14, 2014; Design Completion – July 2, 2014; Bid Date: August/September 2014; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$226,848.00; Construction – \$2.7 million (estimated)

Funding Source: Design – Sewer Fund

Status Update: City staff has reviewed the 30% plans and returned comments to the engineer to address.

K. Sanitary Sewer System Model and Capacity Assurance Tool – Phase 1

Key Dates: Design Start – March 11, 2014; Design Completion – TBD

Cost: Design – \$182,000.00

Funding Source: Design – Sewer Fund

Status Update: City staff and the engineer are going to meet in the next week to discuss some details of the tasks for the project before design begins.

L. Wastewater Reclamation Expansion

Key Dates: Design Start – February 12, 2013; Design Completion – TBD; Bid Date: TBD; Construction Start: TBD; Construction Completion: TBD

Cost: Design – \$2,967,150.00

Funding Source: Design – Sewer Fund

Status Update: Staff is currently reviewing the preliminary engineering report.

M. Water Treatment Plant Modifications

Key Dates: Design Start – November 27, 2012; Design Completion – October 2014; Bid Date: November 2014; Construction Start: January 2015; Construction Completion: TBD

Cost: Design – \$1,634,095.00

Funding Source: Design – Water Fund

Status Update: Staff is currently reviewing the preliminary engineering report.